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REPORTS ACTIVITIES OF USSR SCIENTIFIC ORGANIZATIONS

ACADEMY OF SCIENCES ARROUNCES COMPETITION -- Yavestiya, No 185, 7 Aug 49

The Presiding of the Academy of Sciences USSR announces a competition for the Gold Medal iment A. S. Popov, which is to be awarded for outstanding ecientific work and inventions in the field of radio. Both Soviet and foreign scientists may take part in the competition.

Any scientific works completed in 1949 may be submitted by scientific societies, scientific research institutions, higher educational institutions, departments, public organizations, and individual citizens. The work must be typed or printed and submitted in twiplicate; it may be in any language. The scientific work should be accompanied by reviews from the organizations submitting it, stating their opinion of the scientific value and importance of the work in the development of radio, and brief biographical data on the author with a list of his principal scientific works and inventions.

The competition end: 1 February 1950. Papers must bear the beading "Competition for the Gold Medal 2meni A. S. Popov" and should be addressed to the Council of Radiophysics and Radio Engineering, Academy of Sciences USSR, Moscow, 3-ya Miusaksya ulitsa, 5. -- Advertisement

ACADEMY OF SCIENCES PLANS WORK FOR 1950 -- Literaturnaya Gazeta, No 67, 20 Aug 49

Several days ago the Frasidium of the Academy of Sciences USSR discussed and approved the work plan for 1950. S. I. Vavilov, president of the academy, emphasized that the new plan will raise the ideological level of the academy's work. This will be reflected in the treatment of a number of important problems of philosophy, natural science and sociological problems of great significance to the Soviet State.

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Academician A. V. Topchiyev, chief academic secretary, gave a report on the work plan. He stated that the 1950 plan will include 368 scientific work projects having great theoretical and economic value. Various institutes have eliminated from their plans problems which have no relation to life and are too narrowly specialized.

In 1950 the academy plans to begin work on Istoriya nauki i tekhniki v SSSR a drevneyshikh vremen do nashikh dney (History of Science and Technology in the USSR From Ancient Times to the Present), which is to appear in many volumes. Plans are being made to expand research on the history of agriculture. The irreconcilable struggle against bourgeois influence in science will also be treated.

The plan provides for a further strengthening and development of Michurin biology. Extensive work will be done on problems connected with the planting of forest shelter belts. Scientific research in geophysics will be expanded. Questions in connection with the reconstruction of Moscow will be given considerable attention.

For the first time, the Asademy of Sciences USSR has worked out a special plan for introducting completed scientific research works into production. It is planned to introduce 335 scientific projects into national economy during 1950.

LITHUANIAN ACADEMY PRESIDENT HONORED -- Sovetskaya Litva, No 170, 21 Jul 49

By whase of 19 July 1949, the Presidium of the Supreme Soviet USSR has awarded Tuorner Tuornerich Matulis, president of the Academy of Sciences Lithuanian SSR, the Order of Labor Red Bauner for great scientific work, on the occasion of his 50th birthday.

ARMENIAN CHEMISTRY INSTITUTE ADMITTING GRADUATE STUDENTS -- Kommunist, No 166,

The Chemistry Institute of the Academy of Sciences Armenian SSR is admitting graduate students for the 1949 - 1950 school year in the specialties of organic chemistry and inorganic chemistry.

Apply: ulitsa Pushkina, 80.

KRGLIER CHEMISTRY TEXT PUBLISHED -- Sovetskaya Sibir', No 162, 17 Aug 49

The Foreign Literature Publishing House announces publication, by photomechanical methods, of the <u>Dictionary of Organic Compounds</u> by I Heilbron and H. M. Bunbury, with a foreword by Academician V. M. Rodionov, in three volumes. The dictionary is the handbook for instructors in higher educational institutions, associates in research institutes and laboratories, and leaders in the field of organic compounds. Although the work is published in English, an extremely limited knowledge of the language is all that is necessary since the text contains chemical terminology to a large extent.

Applications for the dictionary will be accepted by Kogiz divisions in republics and oblasts and at the subscription publications store of Mogiz in Moscow, proyezd Khudozhestvennogo teatra, 6. The cost of the publication is 150 rubles, or 50 rubles per volume. A deposit of 50 rubles must accompany each application for the work. The first volume has already been published, and the entire work will be completed by 1 October 1949. -- Advertisement

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MACHINE BUILDING SOCIETY CREATES NEW COMMITTEE -- Sovetskaya Sibir', No 157, 10 Aug 49

The Movosibirsk Division of the All-Union Scientific Engineering and Technical Society of Machine Builders has organized a metallography and heat treatment committee with M. G. Morozov, Candidate in Technical Sciences, as chairman. The committee has drawn up several measures to promote exchange of experiences, advancement of the qualifications of the society's members in the fields of metallography and heat treatment, consultations on candidates' dissertations, popularization of the priority of Russian and Soviet scientists, and cooperation between science and enterprises.

KAMCHATKA STATION STUDIES VOLCANOES -- Tikhookeanskaya Zvezda, No 190, 13 Aug 49

A permanent volcanology station of the Academy of Sciences USSR was set up in 1935 in the village of Klyuchi at the foot of the Klyuchi volcano, Kamchatka Oblast. Its present director is Georgiy Stepanovich Gorshkov, Candidate in Geological and Mineralogical Sciences. The station's scientific staff records volcanic action, studies the structure of volcanoss, lava components, and the geological structure of surrounding regions. Two years ago, the staff began to record earthquakes with extremely sensitive seismographs which record earth disturbances of one thousandth of a millimeter.

The first eruption of Klyachi occurred in 1937 and lasted for 2 years; the second occurred in December 1944. Also in 1944, the Shiveluch volcano, long dormant, erupted; its last eruption occurred on 20 June 1949.

The station's activities are not limited to volcanic studies. This spring, it made a trip to the Kireunskiye hot springs, the waters of which are widely used by the local population for healing purposes. The scientists conducted research on the geological structure of the region and the mineral waters and games which they generate.

Plans for this year call for regular expeditions to the vicinity of the Klytchi and Shiveluch craters and ascent to the crater of the Tolbachik volcano.

GEOPHYSICAL INSTITUTE REFOS SEISMOLOGY SPECIALIST -- Vechernyaya Moshva, No 184,

The Grophysics Institute of the Academy of Sciences USER announces a competition to fill a vacancy for senior scientific worker in seismology. Persons desiring to take part in the competition must submit documents, in accordance with regulations, to the institute in Moscow, Pyzhevskiy persulok 3. -- Advertisement

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